

## Message Text

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ACTION EB-07

INFO OCT-01 CIAE-00 COME-00 DODE-00 NSAE-00 TRSE-00 EUR-12

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FM USMISSION OECD PARIS

TO SECSTATE WASH DC 5757

C O N F I D E N T I A L SECTION 01 OF 02 OECD PARIS 05746

EXCON

E.O. 11652 XGDS1

TAGS: ESTC, COCOM

SUBJECT: COCOM LIST REVIEW: IL 1016 - SPINDLE ASSEMBLIES

REFS: A. COCOM DOC REV (74) 1016/1

B. STATE 42327

C. COCOM DOC REV (74) 1016/2

SUMMARY: INITIAL DISCUSSION OF REVISED US PROPOSAL, REF C, MET ALMOST UNANIMOUS RESERVES SINCE, HAVING BEEN CIRCULATED IN ENGLISH ONLY ON JAN. 27, NEITHER DELEGATIONS NOR OFFICIALS IN CAPITALS HAD CHANCE TO STUDY BEFORE ITEM SCHEDULED FOR MARCH 3. US PROPOSAL WAS DISCUSSED FURTHER DURING MARCH 4 TWG, HOWEVER, AND POTENTIALLY FAVORABLE CONCENSUS DEVELOPED, CONTINGENT ON CERTAIN TECHNICAL REFINEMENTS IN SUBITEMS (A) AND (B), AND WITHDRAWAL OF SUBITEM (C). ACTION REQUESTED: FURTHER STUDY BY TTG-10, WGI AGREEMENT ON REVISED PROPOSAL, AND TRANSMISSION TO USDEL WELL IN ADVANCE OF ROUND III. END SUMMARY.

1. ITEM WAS INITIALLY DISCUSSED IN MARCH 3 PLENARY SESSION AS FINAL ITEM OF THE DAY. IT WAS OBVIOUS FROM THE BEGINNING THAT ALL DELEGATIONS WERE LESS THAN HAPPY WITH EFFORT BEING MADE BY US TO EMBARGO HIGH RESPONSE DRIVES IN SUBITEM (C) AND WERE SOMEWHAT PERPLEXED WITH LATE  
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SUBMISSION OF THE US PROPOSAL. AFTER A BRIEF DISCUSSION

WHERE A NUMBER OF TECHNICAL QUESTIONS WERE ASKED, THE US MOVED TO HAVE THE ITEM REMANDED FOR FURTHER DISCUSSION TO THE TECHNICAL WORKING GROUP WHICH WAS SCHEDULED TO TAKE UP IL 1091 THE FOLLOWING AFTERNOON. QUESTIONS POSED DURING THE PLENARY SESSION RELATED TO THE FOLLOWING:

A) UK QUESTIONED METHOD OF MEASUREMENT, I.E., WHERE TO MEASURE, AXIAL AND RADIAL RUNOUT IN SUBITEM (A).

B) FRENCH REQUESTED "PEAK TO PEAK" BE INSERTED FOLLOWING "TIR" IN SUBITEMS (A) AND (B).

C) IN SUBITEM (B), THE UK BELIEVED CUTOFFS WERE TOO LOW AND WERE NEAR THOSE USED IN STANDARD BALL NUT SCREWS; THE JAPANESE DISAGREED WITH US CONCENTRICITY CUTOFF AND METHOD AND VALUE OF MEASURING THIS PARAMETER. THEY PROPOSED CHANGES IN METHOD AND CUTOFF.

D) IN SUBITEM (C), ALL DELEGATIONS BELIEVED INTER ALIA THAT CUTOFFS WERE TOO LOW.

2. SUBSEQUENTLY, IN THE TWG, THE ITEM WAS DISCUSSED POINT BY POINT WITH THE FOLLOWING COMMENTS AND RESULTS:

SUBITEM (A): THE UK BELIEVED THE LOCATION OF RADIAL AND AXIAL RUNOUT MEASUREMENTS SHOULD BE TAKEN AT THE SPINDLE AXIS. AFTER SOME DISCUSSION, THE NETHERLANDS AGREED. THIS ITEM HAD BEEN REVISED BY THE US FOLLOWING FIRST ROUND DISCUSSIONS AS A RESULT OF SUGGESTIONS MADE BY THE NETHERLANDS DELEGATION. FRANCE PUSHED, AS THEY DID IN THE FIRST ROUND, FOR MEASUREMENT CRITERION ADDED AS AN EXPLANATORY NOTE TO THE "TIR". ACCEPTANCE OF THESE CHANGES WOULD APPEAR TO MAKE THIS SUBITEM ACCEPTABLE TO ALL DELEGATIONS.

SUBITEM (B): JAPAN QUESTIONED THE US CONCENTRICITY CUTOFF AND METHOD OF MEASUREMENT AND SUGGESTED THAT THE CONCENTRICITY PARAMETER BE CHANGED TO "0.005 TIR AT FOUR (4) DIAMETERS FROM THE JOURNAL BEARING." FRANCE AGAIN THOUGHT THE TERMS "PEAK TO PEAK" " SHOULD BE INSERTED AFTER "TIR". THE UK BELIEVED US CUTOFFS WERE TOO LOW AND ARGUED FOR A WIDER GAP BETWEEN THE PROPOSED US CUTOFFS ON PITCH ACCURACY AND ACCUMULATIVE ERROR VALUES AND FOR STANDARD COMMERCIAL-TYPE SCREWS. THE UK TECHNICAL EXPERT SUGGESTED AN INCREASE OF ABOUT

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0.000050 INCH (ABOUT ONE MICRON). ALL DELEGATIONS AGREED THAT THE SUBITEM SHOULD COVER LEADSCREWS AS WELL AS BALLSCREWS. THE SUBITEM APPEARS TO BE ACCEPTABLE TO ALL DELEGATIONS WITH THE ABOVE CHANGES.

SUBITEM (C): ALL OTHER DELEGATIONS WERE UNANIMOUS IN OPPOSING THIS PORTION OF US PROPOSAL. DUTCH, SUPPORTED BY GERMANS AND OTHER DELS, POINTED OUT AT LEAST THREE MAJOR DIFFICULTIES:

A. PRACTICALLY ALL WESTERN PRODUCTION WOULD FALL INTO

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INFO OCT-01 EUR-12 ISO-00 DODE-00 NSAE-00 TRSE-00 ERDA-05

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EMBARGO CATEGORY. DUTCH SAID THEY HAD REVIEWED PRODUCTS OF SEVEN MAJOR WESTERN COMPANIES, WHICH, AMONG THEM, PRODUCE EIGHTY PERCENT OF DRIVE SYSTEMS. ALL OF THESE WOULD BE CAUGHT SINCE US PARAMETERS MAKE NO DISTINCTION BETWEEN HIGH TORQUE/LOW RPM MOTORS AND LOW TORQUE/HIGH RPM MOTORS.

B. ALL OF THESE MOTORS NOW BEING PROPOSED FOR EMBARGO HAD BEEN PRODUCED AND SOLD FREELY FOR THE LAST SEVEN TO EIGHT YEARS.

C. THERE WERE REALLY NO SATISFACTORY PARAMETERS TO DEFINE DRIVE SYSTEMS. EXPERTS AT TWG MEETING AGREED THAT FROM A THEORETICAL STANDPOINT, THE FREQUENCY RESPONSE PARAMETER WAS THE BEST INDICATOR OF A SOPHISTICATED MOTOR. THEY ALSO AGREED, FROM A PRACTICAL STANDPOINT, THAT IT WOULD BE DIFFICULT TO DETERMINE AN APPROPRIATE PARAMETER AND HENCE THE CONTROL WOULD BE DIFFICULT FOR LICENSING OFFICIALS TO ADMINISTER.

3. THERE WAS GENERAL AGREEMENT IN THE TWG THAT THE US PROPOSAL WOULD PROBABLY BE ACCEPTABLE TO THEIR GOVERNMENTS WITH THE DELETION OF SUBITEM (C) AND WITH THE TECHNICAL CHANGES NOTED ABOVE.

4. IN THE PLENARY SESSION THE FOLLOWING DAY, THE US ORALLY REPORTED TO THE COMMITTEE ON THE RESULTS OF THE TWG DISCUSSION AND ITEM REMAINED OPEN PENDING US RECON-  
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SIDERATION.

5. ACTION REQUESTED: TTG-10 SHOULD CONSIDER CHANGES SUGGESTED BY THE OTHER DELEGATIONS AS SET FORTH HEREIN AND FOR FURTHER REFINEMENT OF US PROPOSAL. THIS PROPOSAL SHOULD BE CIRCULATED TO OTHER DELS WELL IN ADVANCE OF ROUND III.  
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## Message Attributes

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**Disposition Case Number:** n/a  
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